

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**POWER OF ATTORNEY AND CORRESPONDENCE**

**ADDRESS INDICATION FORM**

I hereby appoint (I hereby revoke all previous powers of attorney given in the above-identified application):

☒ Practitioners at Customer Number: **52308** as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Further, address all telephone calls and correspondence to practitioners at Customer Number: **52308**, specifically to the attention of:

Mark DeLuca, Esq.  
Pepper Hamilton LLP  
400 Berwyn Park  
899 Cassatt Road  
Berwyn, PA 19312-7835

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. (A statement under 37 CFR 3.73(b) is enclosed.)

**Signature of Applicant or Assignee of Record**

Respectfully submitted,  
The Trustees of The University of Pennsylvania

Date: 8/29/05

By: 

Name:  
Title:

Jennifer Langenberger  
Director, Intellectual Property

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

STATEMENT UNDER 37 CFR 3.73(b)

Applicant, The Trustees of the University of Pennsylvania, a company created and existing under the laws of Pennsylvania, states that it is:

☒ the assignee of the entire right, title, and interest of the patents/application numbers, attached as Table 1. The extent (by, percentage) of its ownership interest is 100%.

☒ a listing of the reel/frame numbers of the recorded assignment(s) for the applications listed on Table 1 is enclosed herewith.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Respectfully submitted,

The Trustees of the University of Pennsylvania

Date: 8/29/08

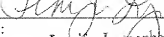
By:   
Name:  
Title: Jennifer Langenberger  
Director, Intellectual Property

TABLE 1

| <u>Our file number</u> | <u>Serial/patent number</u> | <u>Assignment Recordation Date</u> | <u>Reel/Frame</u> | <u>Assignor</u>                     | <u>Assignee</u>                                |
|------------------------|-----------------------------|------------------------------------|-------------------|-------------------------------------|--|
| 133172.00200           | 60231141                    | 1) 08/10/2001                      | 01 2069/0031      | K. Muthumani; D. Weiner; V. Ayyavoo | The Trustees of The University of Pennsylvania |
|                        |                             | 2) 04/25/2001                      | 01 1745/0851      | K. Muthumani; D. Weiner; V. Ayyavoo | The Trustees of The University of Pennsylvania |
| 133172.00201           | 1 0311260                   | 1) 11/18/2003                      | 01 41 36/0840     | K. Muthumani; D. Weiner; V. Ayyavoo | The Trustees of The University of Pennsylvania |
| 133172.00321           | 08505196                    | 1) 06/27/2008                      | 021164/0715       | D. Levy; Y. Refaeli                 | The Trustees of The University of Pennsylvania |
|                        |                             | 2) 06/27/2008                      | 021164/0457       | D. Weiner                           | The Trustees of The University of Pennsylvania |
| 133172.00401           | 08246177                    | 1) 01/17/1995                      | 007295/0719       | D. Weiner, Y. Refaeli               | The Trustees of The University of Pennsylvania |
|                        |                             | 2) 01/26/1995                      | 007316/0743       | D. Weiner, Y. Refaeli               | The Trustees of The University of Pennsylvania |
|                        |                             | 3) 11/13/1996                      | 008214/0096       | D. Levy                             | The Trustees of The University of              |

|              |          |               |             |                                 |  |              |  |
|--------------|----------|---------------|-------------|---------------------------------|--|--------------|--|
|              |          |               |             |                                 |  | Pennsylvania |  |
| 133172.00421 | 09114364 | 1) 02/08/1999 | 009753/0276 | D. Weiner; Y. Refaelli; D. Levy | The Trustees of The University of Pennsylvania |              |  |

|              |          |               |             |                             |  |
|--------------|----------|---------------|-------------|-----------------------------|--|
| 133172.00431 | 08382873 | 1) 04/17/1995 | 007442/0578 | D. Weiner                   | The Trustees of The University of Pennsylvania |
|              |          | 2) 04/17/1995 | 007442/0876 | Y. Refaeli                  | The Trustees of The University of Pennsylvania |
|              |          | 3) 4/0/1997   | 008445/0267 | D. Levy                     | The Trustees of The University of Pennsylvania |
| 133172.00601 | 10515327 | 1) 04/07/2008 | 020766/0213 | D. Weiner                   | The Trustees of The University of Pennsylvania |
| 133172.00901 | 09680690 | 1) 03/31/2003 | 013917/0109 | D. Weiner, J. Kim, D. Zhang | The Trustees of The University of Pennsylvania |
| 133172.00911 | 11123600 | 1) 05/06/2005 | 016551/0901 | D. Weiner, J. Kim, D. Zhang | The Trustees of The University of Pennsylvania |
| 133172.01001 | 10333802 | 1) 08/12/2003 | 013869/0452 | D. Weiner, J. Sin           | The Trustees of The University of Pennsylvania |
| 133172.01101 | 09971980 | 1) 02/26/2002 | 012642/0188 | D. Weiner, J. Yang          | The Trustees of The University of Pennsylvania |
| 133172.01111 | 10966576 | 1) 12/20/2007 | 020277/0696 | J. Yang                     | The Trustees of The University of              |

|              |          |  |                      |             |  |  |
|--------------|----------|--|----------------------|-------------|--|--|
|              |          |  | <b>2) 12/20/2007</b> | 020277/0809 | D. Weiner, K. Muthumani                | Pennsylvania<br>The Trustees of The<br>University of<br>Pennsylvania |
| 133172.01200 | 60293794 |  | <b>1) 07/09/2001</b> | 011964/0870 | D. Weiner                              | The Trustees of The<br>University of<br>Pennsylvania                 |
| 133172.01201 | 10478741 |  | <b>1) 5/1/2004</b>   | 014616/0519 | D. Weiner                              | The Trustees of The<br>University of<br>Pennsylvania                 |
| 133172.01301 | 10478743 |  | <b>1) 09/09/2004</b> | 015115/0560 | D. Weiner, K. Muthumani;<br>J. Yang    | The Trustees of The<br>University of<br>Pennsylvania                 |
|              |          |  | <b>2) 08/08/2005</b> | 016746/0489 | D. Weiner, K. Muthumani;<br>J. Yang    | The Trustees of The<br>University of<br>Pennsylvania                 |
| 133172.01500 | 08652572 |  | <b>1) 12/19/1996</b> | 008317/0445 | D. Weiner, K. Muthumani;<br>Y. Refaeli | The Trustees of The<br>University of<br>Pennsylvania                 |
| 135120.00101 | 10491800 |  | <b>1) 10/07/2004</b> | 015227/0578 | D. Weiner, K. Muthumani                | The Trustees of The<br>University of<br>Pennsylvania                 |
| 135120.00201 | 08019601 |  | <b>1) 09/28/1995</b> | 007642/0054 | D. Levy                                | The Trustees of The<br>University of<br>Pennsylvania                 |
|              |          |  | <b>2) 05/02/1996</b> | 007941/0830 | D. Weiner                              | The Trustees of The<br>University of                                 |

|              |          |               |             |                     |  |
|--------------|----------|---------------|-------------|---------------------|--|
|              |          |               |             |                     | Pennsylvania                                   |
| 135120.00211 | 08167608 | 1) 10/16/1995 | 007673/0716 | D. Levy; Y. Refaeli | The Trustees of The University of Pennsylvania |
|              |          | 2) 02/11/2004 | 014331/0526 | D. Weiner           | The Trustees of The University of Pennsylvania |
|              |          | 3) 02/24/2004 | 014370/0982 | D. Weiner           | The Trustees of The University of Pennsylvania |
| 135120.00231 | 09935100 | 1) 09/20/2001 | 012185/0267 | D. Levy; Y. Refaeli | The Trustees of The University of Pennsylvania |
|              |          | 2) 06/27/2008 | 021164/0817 | D. Levy; Y. Refaeli | The Trustees of The University of Pennsylvania |
|              |          | 3) 06/27/2008 | 021164/0760 | D. Weiner           | The Trustees of The University of Pennsylvania |

|              |          |               |             |  |  |
|--------------|----------|---------------|-------------|--|--|
| 135120.00301 | 08809186 | 1) 09/04/1997 | 008699/0047 | D. Weiner, D. Levy; Y. Refaeli; V. Ayyavoo         | The Trustees of The University of Pennsylvania |
| 135120.00311 | 10734024 | 1) 08/26/2004 | 015087/0429 | D. Weiner, D. Levy; Y. Refaeli                     | The Trustees of The University of Pennsylvania |
| 135120.00401 | 08593695 | 1) 05/15/1996 | 7943/0117   | D. Weiner, V. Ayyavoo; S. Mahalingham, W. Williams | The Trustees of The University of Pennsylvania |
| 135120.00411 | 08949202 | 1) 01/20/1998 | 008956/0887 | D. Weiner, V. Ayyavoo; M. Patel                    | The Trustees of The University of Pennsylvania |
|              |          | 2) 11/12/1998 | 009573/0201 | S. Mahalingham                                     | The Trustees of The University of Pennsylvania |
| 135120.00421 | 09014877 | 1) 08/17/2000 | 011106/0848 | D. Weiner, V. Ayyavoo; S. Mahalingham, W. Williams | The Trustees of The University of Pennsylvania |
| 135120.00431 | 09418175 | 1) 05/01/2000 | 010787/0943 | D. Weiner, V. Ayyavoo; S. Mahalingham, W. Williams | The Trustees of The University of Pennsylvania |
|              |          | 2) 12/23/1999 | 010495/0895 | D. Weiner, V. Ayyavoo; M. Patel                    | The Trustees of The University of Pennsylvania |
|              |          | 3) 12/23/1999 | 010495/0849 | S. Mahalingham                                     | The Trustees of The University of Pennsylvania |

|              |          |                   |            |                                 |  |
|--------------|----------|-------------------|------------|---------------------------------|--|
| 135120.0044] | 09529245 | 1)<br>013293/0055 | 09/17/2002 | D. Weiner; V. Ayyavoo; M. Patel | The Trustees of The University of Pennsylvania |
|              |          | 2)<br>013293/0080 | 09/17/2002 | S. Mahalingham                  | The Trustees of The University of Pennsylvania |

|              |          |                      |             |   |  |
|--------------|----------|----------------------|-------------|---|--|
| 135120.00451 | 10208338 | <b>1) 05/05/2003</b> | 014030/0618 | D. Weiner; V. Ayyavoo; S. Mahalingham; M. Patel                   | The Trustees of The University of Pennsylvania |
| 135120.00501 | 09485421 | <b>1) 10/05/2000</b> | 011166/0116 | S. Mahalingham; V. Ayyavoo; M. Patel; T. Kieber-Emmons; D. Weiner | The Trustees of The University of Pennsylvania |
| 135120.00511 | 10953393 | <b>1) 01/09/2006</b> | 017174/0957 | S. Mahalingham; V. Ayyavoo; M. Patel; T. Kieber-Emmons; D. Weiner | The Trustees of The University of Pennsylvania |
| 135120.00600 | 60293570 | <b>1) 08/17/2001</b> | 012091/0589 | D. Weiner; K. Muthumani   | The Trustees of The University of Pennsylvania |
| 135120.00601 | 10478742 | <b>1) 08/02/2004</b> | 015034/0314 | D. Weiner; K. Muthumani   | The Trustees of The University of Pennsylvania |